

Work Order ID 140445

140445

Monday, January 04, 2016 8:47:06 AM

Shipping Jan 18 2016 Page 1

Item ID: D3482-11

Revision ID:

Item Name: Hose Insulation

Start Date: 1/4/2016 Start Qty: 2.00

Required Date: 1/15/2016 Req'd Qty: 2.00

Reference:

DAS Accept

13

9-89

6
2 JAN 18 2016
2

N900040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Customer:

Approvals: Process Plan: MF Date: 15-01-04 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3482

Rev B

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 31034 Fabricate as per Dwg D3482 Possible
Supplier: Tempro Tec Inc Material release note is required

DAS

13

9-89

JAN 18 2016

6

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure material certification is attached

6x SP 16-02-02

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

6

DAS

38

9-89

FEB 02 2016

Work Order ID 140445

140445

Page 2

Monday, January 04, 2016 8:47:06 AM

Item ID: D3482-11

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Hose Insulation

Start Date: 1/4/2016 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 1/15/2016 Req'd Qty: 2.00 *2*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>MEER</u>	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

6 FEB 02 2016 DAS 6 9-89 69-6 9 SVC

MCJ FEB 02 2016

MCJ FEB 02 2016

Print

Monday, January 04, 2016 8:51:54 AM

Page 1

Work Order ID: 140445

140445

Parent Item: D3482-11

D3482-11

Parent Item Name: Hose Insulation

Start Date: 1/4/2016

Required Date: 1/15/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A New Issue 06-04-21 JLM
IPP Rev:B As per Rev B 06-05-24 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3482-11P		Purchased					Each	0.0000					
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D3482-11P

Hose Insulation

X
6

Box 8/16-02-02.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

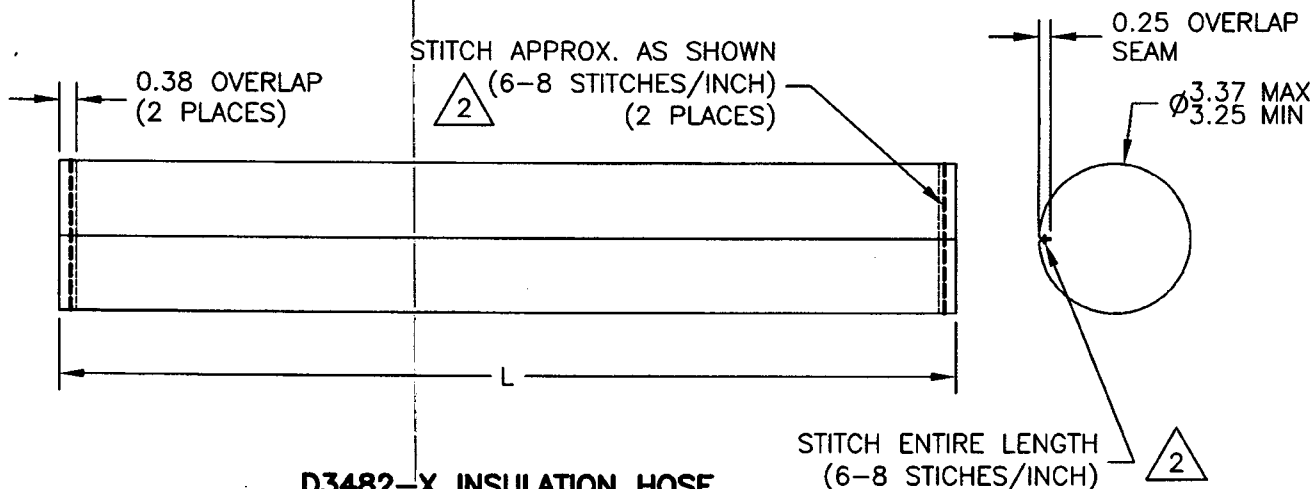
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3482	REV. B SHEET 3 OF 3
DATE 06.05.16		TITLE INSULATION SOCKS & HOSES SCALE 1:4	

MF
#140445

RELEASED
06.05.16



D3482-X INSULATION HOSE

P/N D3482-X	L (in)
D3482-5	20
D3482-7	36
D3482-9	48
D3482-11	30
D3482-13	52



NOTES:

- 1) MATERIAL: BEIGE TECGLASS GL 2025/9383 PER MIL-C-20079H
TYPE I, CLASS 9 (WITH 9383 FINISH)
POSSIBLE SUPPLIER: TEMPRO TEC INC.
- 2) THREAD: E-12 FIBERGLASS-TFE THREAD PER MIL-C-20079H(SH)
TYPE III, CLASS 3 OR ASTM D 4040-89
POSSIBLE SUPPLIER: TEMPRO TEC INC.
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES 0.005 TO 0.010 MAX

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause			FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____				
Misidentified ☐	Past Due ☐					



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31034**

Purchase Order Date 1/18/2016

PO Print Date 1/18/2016

Page Number 1 of 2

Order From :

VC-AER003

Ship To : DART AEROSPACE LTD

AEROTEX INTERIORS INC.
2340 PEGASUS WAY NE
UNIT 151
CALGARY, AB T2E 8M5
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
JAN 18 2016

Contact Name

Vendor Phone 403 295 8770

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable CD Promise Date	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3482-11P AS PER DWG D3482-11 REV. B B140445	Hose Insulation	1/29/2016 Yes 4/29/2016	6.00 Each	\$225.25	\$1,351.50
Line Total:						\$1,351.50
2	71401-45	PROCUREMENT QUALITY CLAUSES	1/29/2016 No 4/29/2016	1.00	\$0.00	\$0.00
Procurement Quality Clauses A004 faa-pma/tso A005 right of entry A016 personnel qualification A025 certification of conformance A040 notification of quality escape A041 quality management A042 dart notification by supplier A043 retention of quality documents						

PO Instructions: ESTIMATE: S5861

Note:

1/18/2016



151-2340 Pegasus Way NE
Calgary, AB T2E 8M5
PH: 403.295.8770 FX: 403.313.0793
EM: info@aerotex.ca WS: www.aerotex.ca

Packing Slip

Date Packing Slip#

2/1/2016 16-042

Ship: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA

Customer Phone
613.632.5200

Customer Fax
613.632.1053

Ship Via
FedEx P1

Courier Acct No.
151793240

Bill: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario K6A 1K7
CANADA

Email: dbates@dartaero.com

Ship Date

P.O. No.

2/1/2016

31034

#	Description	PN	Qty	Ordered
1	Insulation Sock P/N: D3482-11 AS PER DWG D3482-11 REV B	D3482-11	6	6 ✓
2	Documentation Fee: Additional processing service for streamlining documentation and batch control into our AO 72-01. Release of Certification of Conformance. GST On Sales		1	1 ✓

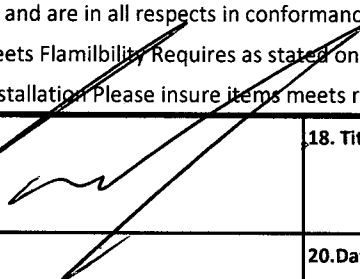
SP6-0200

Thank you for doing business with Aerotex Interiors!

GST/HST No. 139110308

"your one stop shop for all your aircraft interior needs"

www.aerotex.ca

1. Organization issuing certificate Aerotex Interiors Inc., #151-2340 Pegasus Way NE Calgary, AB T2E 8M5		2. Material Compliance Form		3. Work Order / Contract / Invoice 16-042		
4. Customer Name/Address Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7 Canada				5. Purchase Order 31034		
9. Item	10. Description	11. Part Number	12. Interchangeable Part Number	13. Quantity	14. Batch No.	15. Status
1	Insulation Sock Material: Beige Tecglass GL 2025/9383 Per MIL-C-20079H Thread: E-12 Fiberglass-TFE Thread Thread Per MIL-C-20079H(SH)	D3482-11		6	WO5848 7653-1 7653-2	NEW
16. Remarks I certify that the materials supplied for the Purchase/Repair Order listed above conform to Aerotex Interiors's material/process specification and are in all respects in conformance with the contract requirements. Materials meets Flamibility Requires as stated on attached Burn Certicates/Reports/Statement of Compliance **Prior to Installation Please insure items meets regulation with your local regulatory**						
17. Signature 		18. Title QC Manager				
19. Name Carson Chanthyvong		20. Date 01/02/2016				